

# Key Stage 4 English

Years 10 & 11

Week 1 - Commencing Monday 2nd November  
Week 7 - Finishing Friday 18th December

## GCSE English Language (Year 10)

Week	Subject/name
1	Exploring the use of figurative language in writing (Paper 1 Imaginative writing / Papers 1 and 2 Reading).
2	Rhetorical devices (Paper 2 Reading)
3	Rhetorical devices (Paper 2 Reading); Spelling revision and sentence variety (Papers 1 and 2 Writing).
4	Analysing writer's language use (Paper 1 and Paper 2 Reading); Imaginative writing (Paper 1).
5	Imaginative writing (Paper 1)
6	Paper 2 Practice Reading Questions.
7	Paper 1 Practice Reading Questions

## GCSE English Language (Year 11)

Week	Subject/name
1	Comparing Texts (Paper 2, Reading).
2	Imaginative writing (Paper 1)
3	Imaginative writing (Paper 1)
4	Paper 1 Practice Reading Questions (Dracula)
5	Paper 1 Practice Reading Questions (Dracula); Analysing language and structural choices in non-fiction reading texts (Paper 2).
6	Analysing language and structural choices in non-fiction reading texts. (Paper 2)
7	Analysing language and structural choices in persuasive texts (Paper 2).

## WJEC GCSE English Language (Yr11)

Week	Subject/name
1	Narration writing (Unit 2, writing)
2	Narration writing (Unit 2, writing); Summarising a text (Reading).
3	Paragraphing; proofreading (Unit 2); Descriptive writing (Unit 2, writing).
4	Descriptive writing (Unit 2, writing); editing (Unit 2, writing).
5	Synthesising texts (Reading); Topic led reading unit responding to examination-style reading questions.
6	Topic led reading unit responding to examination-style reading questions.
7	Deducing meaning of unfamiliar words (Reading); Choose vocabulary for impact and effect; Developing vocabulary choices; Choosing the right tone in writing (Writing, Unit 3).

## GCSE English Literature (one year)

Week	Subject/name
1	Edexcel Poetry anthology, Conflict cluster.
2	Edexcel Poetry anthology, Conflict cluster.
3	Edexcel Poetry anthology, Conflict cluster.
4	Edexcel Poetry anthology, Conflict cluster.
5	Edexcel Poetry anthology, Conflict cluster.
6	Edexcel Poetry anthology, Conflict cluster.
7	Edexcel Poetry anthology, Conflict cluster.

## Functional Skills, English (L1 and 2)

Week	Subject/name
1	Writing Test preparation
2	Writing Test preparation
3	Writing Test preparation
4	Writing Test preparation
5	Writing Test preparation
6	Writing Test preparation
7	Reading and Writing test papers

# Key Stage 4

# Maths

Years 10 & 11

Week 1 - Commencing Monday 2nd November

Week 7 - Finishing Friday 18th December

## Red

### Year 11 Higher

Week	Subject/name
1	Algebra - factorise quadratics and simplifying expression Number - percentage increase/decrease/original values
2	Geometry & Measures - Volume and surface area, congruency & similarity
3	Geometry & Measures- Similarity (3D) Number - Law of Indices Ratio & proportion - Compound measures
4	Geometry & Measures - Trigonometry problems Algebra - Graphs of non-linear functions
5	Algebra - Trigonometric graphs Geometry & Measures - Pythagoras' Theorem and Trigonometry problems in 3D
6	Geometry & Measures - Pythagoras' Theorem and Trigonometry problems in 3D, transformations Statistics - Time series
7	Statistics - Histograms Number - Standard form

## Orange

### Year 10 Higher

Week	Subject/name
1	Algebra - Sequences, straight line graphs Number - Fraction calculations
2	Algebra - Straight line graphs, gradient and area under graphs Geometry & Measures - Pythagoras' Theorem
3	Ratio & Proportion - Compound measures Statistics - Construct and interpret diagrams
4	Number - Estimations, limits of accuracy Geometry & Measures - Transformations
5	Geometry & Measures - Transformations, scales and scale drawings
6	Geometry & Measures - Volume and surface area Number - Surds Statistics - Scatter graphs
7	AO1/AO3 task Probability - Mutually exclusive and independent events, sample space diagrams

## Yellow (Grade 5)

### Y11 Additional Foundation

Week	Subject/name
1	Algebra - Straight line graphs Number - Standard metric measures
2	Ratio & Proportion – Compound measures Geometry & Measures – Transformations
3	Statistics – Averages Number – Fraction calculations
4	Number – Fraction calculations, law of indices Algebra – Simplify expressions, factorise quadratics
5	Algebra – Solve quadratics Geometry & Measures – Solve geometric problems, scales and scale drawings
6	Geometry & Measures – Trigonometry Statistics – Construct and interpret diagrams
7	Statistics – Construct and interpret diagrams Algebra – Verify statements Number – Standard form

## Green (Grade 4)

### Y10/11 Foundation

Week	Subject/name
1	Algebra – Solving linear equations, solving inequalities Geometry & Measures – Angle properties
2	Geometry & Measures – Angle properties, properties of 2D shapes, geometric problems Number - Percentages
3	Number – Percentages AO1/AO3 task
4	Number – Law of indices Algebra – Straight line graphs
5	Algebra – Interpret real-life straight-line graphs Geometry & measures – loci and constructions
6	Geometry & measures – Transformations Number – Estimating answers
7	Ratio & Proportion – ratio, direct and inverse proportion

## Blue (Grade 2 & 3)

Year 10 & 11

Week	Subject/name
1	Algebra – Solving linear inequations, rearranging formulae
2	Probability – Theoretical probabilities Ratio & Proportion - Ratios
3	Ratio & Proportion – Ratios (dividing in, best buys) Number – Money calculations
4	Statistics – draw and interpret diagrams, averages
5	Algebra – Straight line graphs, solving equations graphically
6	Ratio & Proportion – Ratios Number – 4 op. with directed number and fractions
7	Geometry & Measures - Transformations

## Indigo

Year 10 Foundation

Week	Subject/name
1	Statistics – Averages, draw and interpret diagrams
2	Number – time, timetables, metric measures
3	Geometry & Measures – Estimating measures Number – Multiples and factors
4	Algebra – Squares and square roots Number - Primes, simplifying fractions
5	Number – Fractions, decimals, and percentages
6	AO1/AO3 Working mathematically tasks Geometry & Measures - Angles
7	Geometry & Measures – Angles, symmetries



**WJEC****Year 11 Foundation**

Week	Subject/name
1	Algebra – Solving linear equations
2	Algebra – Solving linear equations Number – Money calculations, factors, multiples, and primes
3	Number – Using a calculator Statistics – Draw and interpret diagrams, averages, and range
4	Algebra – Coordinates, straight line graphs
5	Number – Percentages, standard metric measures
6	Number – metric and imperial units Geometry & Measures – circles, triangles
7	Geometry & Measures – quadrilaterals, scales and scale drawings, symmetries

**WJEC****Year 11 Intermediate**

Week	Subject/name
1	Number - Percentages
2	Number – Fractions, decimals, and percentages, law of indices Algebra – Straight line graphs
3	Algebra – Distance/Time graphs Geometry & Measures – Loci and constructions, transformations
4	Geometry & Measures – Transformations Number – Estimating answers
5	Ratio & Proportion – ratios, direct and inverse proportion Geometry & measures - Trigonometry
6	Statistics – Averages for grouped data, use samples, data collection
7	Statistics – Draw and interpret diagrams Algebra – Simplify expression, factorise and solve quadratics

# Key Stage 4 Science

Years 10 & 11

Week 1 - Commencing Monday 2nd November

Week 7 - Finishing Friday 18th December

## Yr11 Foundation (AQA)

Week	Subject/name
1	Organic Chemistry
2	Organic Chemistry / Properties of waves
3	Wave calculations / EM spectrum / Required Prac. measuring
4	Required Prac. /Uses and dangers of waves
5	Ecosystems / interdependence / Adaptations
6	Measuring ecosystems / Required Prac. Plant Populations / Cycles
7	Biodiversity

## Yr11 Higher (AQA)

Week	Subject/name
1	Variation and Evolution
2	Organic Chemistry
3	Properties of waves / Wave calculations / Required Prac. measuring
4	EM spectrum / waves at boundaries / Required Prac. IR radiation
5	Uses and dangers of waves / Ecosystems / interdependence
6	Adaptations / Measuring ecosystems / Required Prac. Plant Populations
7	Required Prac. / Cycles / Biodiversity

## Yr10 Foundation (AQA)

Week	Subject/name
1	Current, resistance and potential difference / Required Prac. resistance
2	Series + parallel / Required Prac. IV relationships
3	Circuit calculations / Domestic circuits / Calculating electrical power
4	National grid / States of matter / Ionic bonding
5	Covalent bonding / Ionic and covalent properties
6	Covalent macromolecules / Metallic bonding / Carbon bonding and structure
7	Photosynthesis / Glucose / Aerobic respiration

## Yr10 Higher (AQA)

Week	Subject/name
1	Ohmic and non-Ohmic resistors / Series + parallel / Required Prac. IV relationships
2	Circuit calculations / Domestic circuits / Calculating electrical power
3	National grid / States of matter / Ionic bonding
4	Covalent bonding / Ionic and covalent properties / Covalent macromolecules
5	Metallic bonding / Carbon bonding and structure / Photosynthesis
6	Photosynthesis – limiting factors / Glucose / Aerobic respiration / Anaerobic respiration
7	Metabolism / Required Prac. Food tests / Changes of state

## Everyday Science

Week	Subject/name
1	Water / Atmosphere / raw materials from the Earth
2	Processing raw materials / Acids and bases
3	Neutralisation / Salts
4	Working safely / Resources - practical task
5	Rates of reactions
6	Unit test – Resources, practice and actual
7	Genes / Genetic diseases / Lifestyle and health

## Rescue Yr11 (AQA)

Week	Subject/name
1	Energy / Kinetic / EPE / GPE
2	Efficiency / Fuels / Alternative energy
3	Rates of reaction / Required Prac. RoR
4	Inheritance / Evolution
5	Waves / Wave calculations / Dangers of waves / Reactivity series
6	Extracting metals / Acids / Neutralisation / Salts
7	Required Prac. Making a soluble salt / Electrolysis

## Yr11 Foundation (WJEC)

Week	Subject/name
1	Organic Chemistry / Hydrogen
2	Ecosystems / Interdependence / Biotic and Abiotic factors / Adaptations
3	Measuring ecosystems / Required Prac. Plant Populations / Cycles
4	Biodiversity
5	Acid reactions / Neutralisation / Making soluble salts
6	Reactivity series / Extracting metals / Blast furnace / Electrolysis
7	Electrolysis and metal extraction / Properties of metals / Geopolitics of factory location

## Triple Top Up

Week	Subject/name
1	Uses and Production of fertilisers / Yield and atom economy / Gas volume + moles
2	Required Prac. Titrations / Revision – energy and Forces
3	Revision - Homeostasis and cells / Atoms and reactions / Required practicals / Sexual and asexual reproduction
4	Genomes / Protein Synthesis / Inheritance / Cloning
5	Evolutions and speciation / Wave calculations / Reflection and refraction / Required Prac. Reflection and refraction
6	Required Prac. Reflection and refraction / using sound waves / Lenses / Colour
7	Black body radiation / Half-life / Biomass and energy